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PATENT APPLICATION  
ATTORNEY DOCKET NO. 10003809-7

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Deng, et al.

Serial No.: 10/619,521

Examiner:

Filing Date: 07/14/2003

Group Art Unit: 2815

Title: Reliability-enhancing Layers For Vertical Cavity Surface Emitting Lasers

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COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

( ) under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e), and  
( ) a \$180.00 processing fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

( ) Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (\*) were disclosed in Patent Application No.        filed       , now U. S. Patent No.       , and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

Respectfully submitted,

Deng, et al.

By Pamela Lau Kee

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Rev05/03 (DSCERT)

PATENT APPLICATION  
Sheet 1 of 1

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. 10003809-7	SERIAL NO. 10/619,521
		APPLICANT Qing Deng et al.	
		FILING DATE 07/14/03	GROUP 2815

REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
	1A	6,014,395	Jan. 11, 2000	Jewell
	1B	5,985,686	Nov. 16, 1999	Jayaraman
	1C	5,978,408	Nov. 2, 1999	Thornton
	1D	5,896,408	Apr. 20, 1999	Corzine et al.
	1E	5,838,705	Nov. 17, 1998	Shieh et al.
	1F	5,493,577	Feb. 20, 1996	Choquette et al.
	1G	5,359,618	Oct. 25, 1994	Lebby et al.
	1H	5,337,327	Aug. 9, 1994	Ackley
	1I	4,984,242	Jan. 8, 1991	Scifres et al.
	1J			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO
	1K					
	1L					
	1M					
	1N					
	1O					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1P	
1Q	
1R	

EXAMINER	DATE CONSIDERED
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\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)